SYMBOL MC70 HAND HELD TERMINAL
USER MANUAL

CORPORATE VERSION
FEBRUARY 2007

TABLE OF CONTENTS

Welcome **3**

Getting Started **3**
- Equipment Setup 3
- Battery Installation 3
- About the Stylus 5
- Aligning the Screen 6
- Configure Time Zones & Clock 7

Overview of Home Screen **10**

Appendix – Overview of Hand Held **11**
- Overview of MC70 11
- Adjusting Volume 11

Appendix – Battery 101 (IMPORTANT INFO) **12**
- MC70 12
  - Charging the Main Battery and Memory Backup Battery 12
  - Properly Replacing the Battery (VERY IMPORTANT!) 12
- About your Battery Charger and Charging Batteries 14
  - MC70 14

Appendix – Rebooting The Hand Held (MC70) **15**

Appendix – Keypad (MC70) **16**

Support **19**
- Need Help? 19
- Need Accessories? 19

WELCOME

Welcome to the next generation of hand held computing. Hand held computing has never been so easy and colorful! Please be sure to read through this manual in its entirety so you can understand how to get your store up and running quickly.

GETTING STARTED

Equipment Setup

1. Unpack all equipment and lay each piece out on the workspace. You will need one electrical outlet for plugging the equipment in.

   It's highly recommended that you save all packaging material and boxes in the event of a failure.

   a. Hooking up the equipment

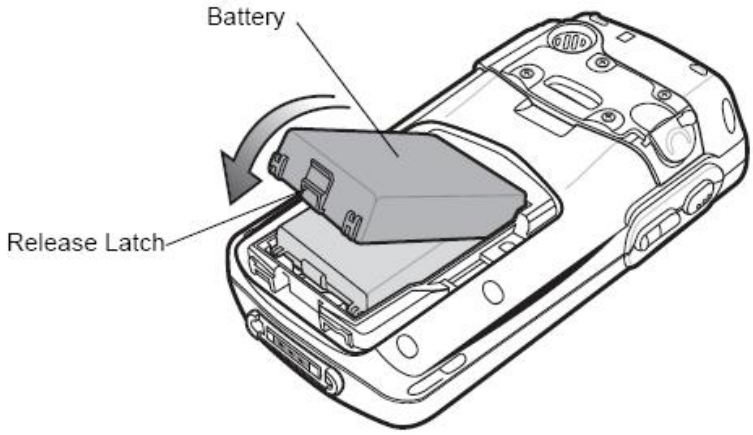
      i. Attach the power supply cables and plug into an electrical outlet

      ii. Place the spare battery in the charging cradle. Verify that the light is flashing red. The battery usually fully charges in less than four hours. Please refer to the battery section of this manual for more specifics.

Battery Installation

MC70 Hand Held

2. Open the back cover of the MC70 by flipping out the metal wing-tabs on both sides of the battery cover.
3. Before using the **MC70 hand held**, install a lithium-ion battery by sliding the battery into the unit as shown and close the metal wing-tabs.



If the wing-tabs are closed completely, the battery cover should not have uneven gaps between the battery cover and the back of the MC70 and it should not move. Ensure the battery is fully inserted. An audible click can be heard as the battery is fully inserted. A partially inserted battery may result in unintentional data loss.

4. When a battery is fully inserted in either hand held for the first time, the device boots and powers on automatically.

The main battery can be charged before or after it is installed. Use one of the spare battery chargers to charge the main battery (out of the hand held), or one of the cradles to charge the main battery installed in the hand held.

See the appendix for detailed battery information.

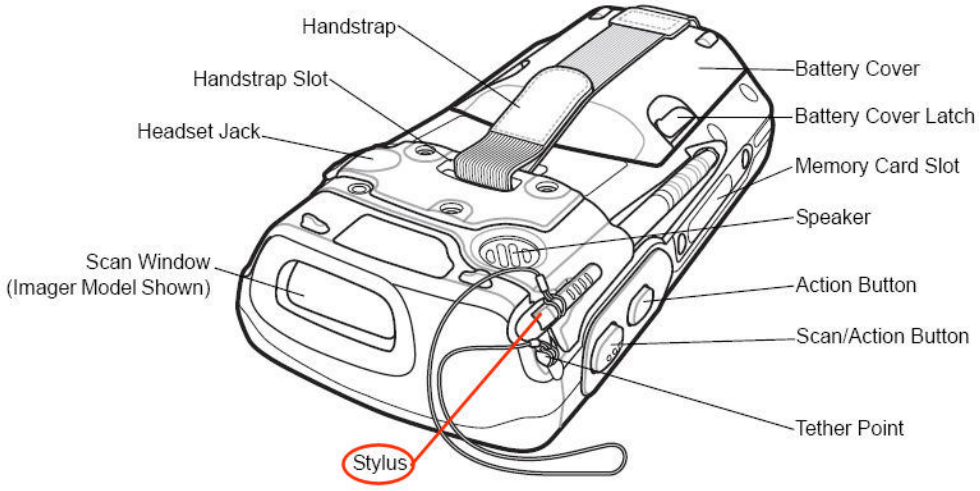
It's very important that you reference the section "Properly Replacing the Battery" sections on page 12. Please take a second to review this information before continuing with the "Getting Started" instructions.

5. When the hand held is powered on for the first time, it initializes its system. The *Symbol* splash screen appears for a short period of time followed by the ***Windows Mobile®*** ***Powered by Direct Push Technology*** window.

GETTING STARTED

About the Stylus

6. Next, **tap the screen to set up your Pocket PC** using your stylus.



MC70

New stylus – Double-tipped and spring-loaded!

Use the hand held stylus for selecting items and entering information. The stylus functions as a mouse. Locate the stylus near the antenna and pull to remove the stylus. It should remain attached to the MC7o by a flexible lanyard.

Tap - Touch the screen once with the stylus to press option buttons and open menu items.

Tap and Hold - Tap and hold the stylus on an item to see a list of actions available for that item. On the pop-up menu that appears, tap the action you want to perform.

Drag - Hold the stylus on the screen and drag across the screen to select text and images. Drag in a list to select multiple items.

Symbol recommends using the spring-loaded tip of the stylus to write on the screen, and the back end of the stylus to tap the screen. Use your finger to press the Power and keypad buttons.

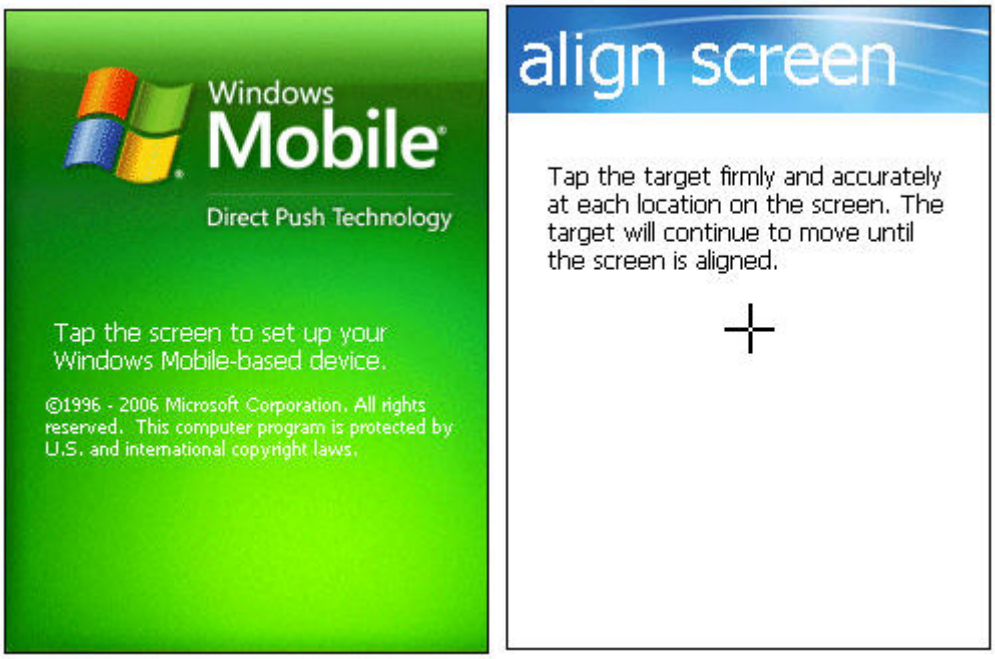
Do NOT use a pen, pencil or other sharp object to tap the screen! Doing so will ruin the unit. *See the Appendix for information on ordering a replacement stylus*.

Aligning the Screen

6. The unit will automatically route to the align screen. Using the stylus, carefully press and briefly hold the tip of stylus on the center of each target that appears on the screen.

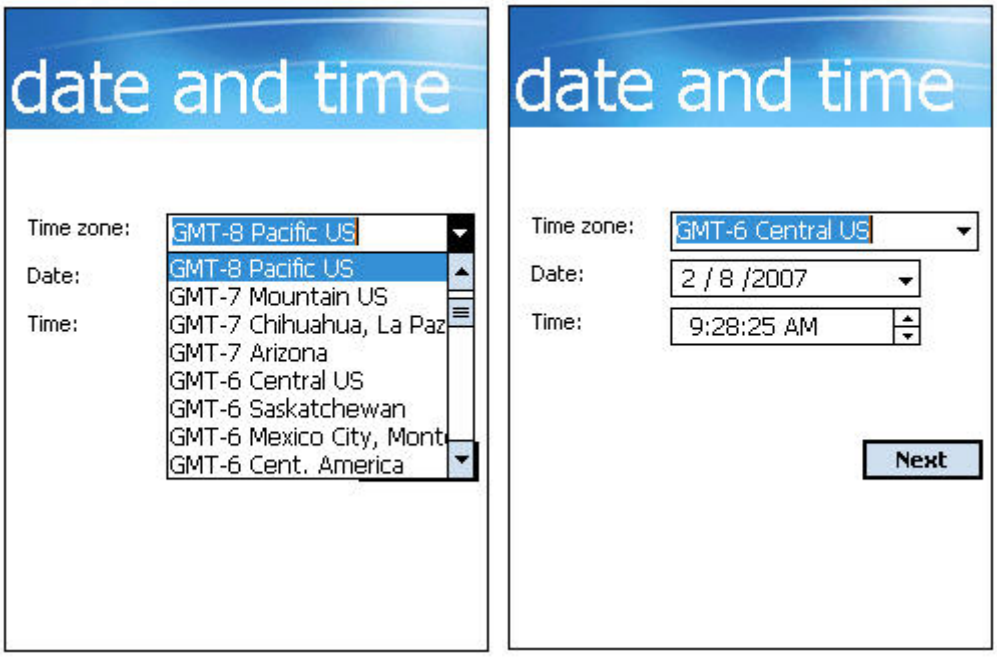
   It's important when you first receive your new hand held to calibrate the screen. This will ensure that the cursor on the touch screen aligns properly with the tip of the stylus.

Note To re-calibrate the screen at anytime for the **MC70**, press **FUNC (blue button)** + **Esc** on the mobile computer to launch the calibration screen application.


Windows
Mobile
Direct Push Technology
Tap the screen to set up your Windows Mobile-based device.
©1996 - 2006 Microsoft Corporation. All rights reserved. This computer program is protected by U.S. and international copyright laws.
align screen
Tap the target firmly and accurately at each location on the screen. The target will continue to move until the screen is aligned.

Configure Time Zones and Clock

7. The time zone for your hand held must be designated when you first receive the hand held and after each boot.



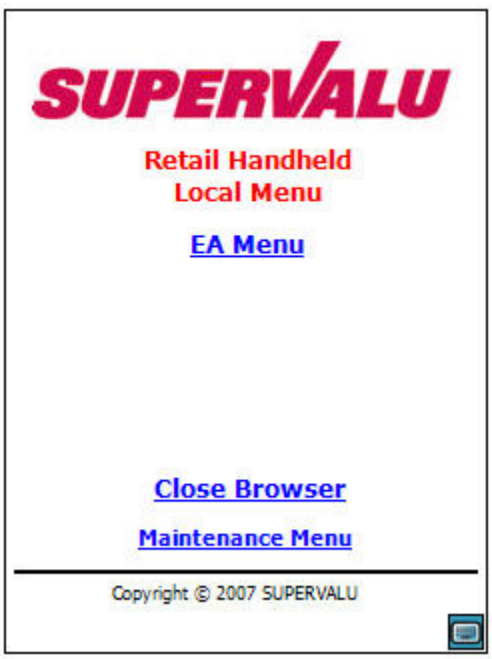
a. Using your stylus, choose the time zone that you are in from the drop down menu. The default is GMT – 8 Pacific US.

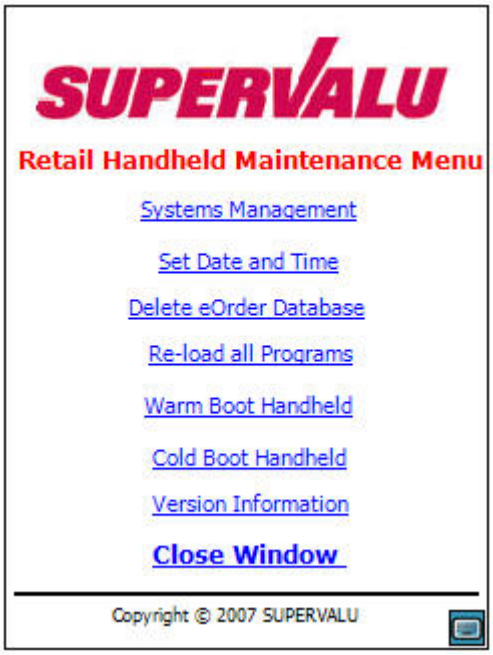
b. VERY IMPORTANT – if you change the time zone from what first displays, you will also need to change the time.

c. Click **Next** when finished.

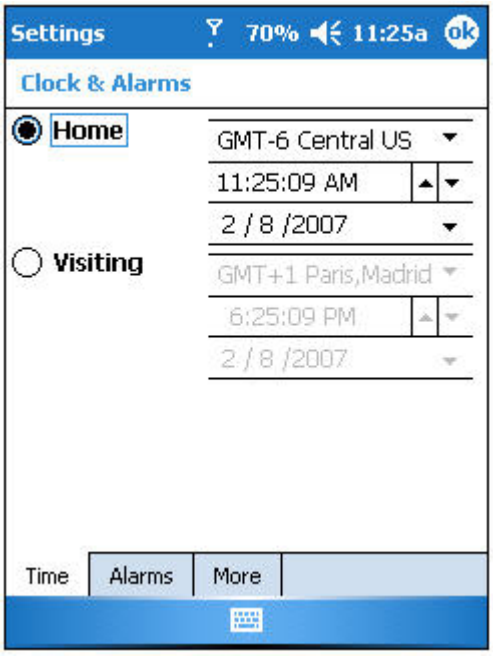
d. The system will begin to install various files on the system – please refrain from using the hand held. You will see a window pop up that shows the installation of program". Installation should take approximately 2 – 4 minutes. The Home Screen will appear on the screen when finished.

e. It's a good habit to verify that the date and time are correct. If the time is not correct, click on "Symbol Browser", then "Maintenance Menu" and then "Set Date and Time".





f. Go to the **Home** section of the Clock window and verify the date and time.



If the date and/or time is incorrect:

i. Using the drop down menu, choose the proper **GMT time zone** for your area (i.e. GMT – 6 Central US).

ii. Go to the **hour** in the time section and click on it with your stylus (will be highlighted in blue). To change the hour, use the up and down arrow keys to the right of the field OR you can enter the time with using the keypad.

iii. **Repeat previous step for the minutes, seconds and AM/PM**.

iv. Go to the **date field**. Click on the drop down menu to bring up the calendar. Use the left or right arrow buttons on the display screen to navigate to the correct month. Choose a date with your stylus.

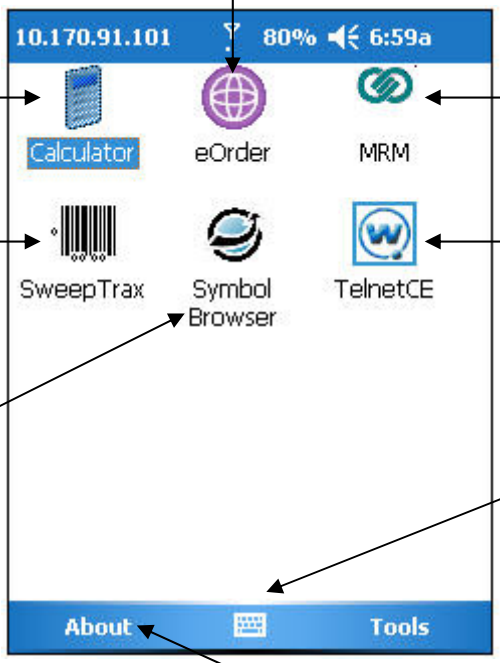
g. Click **OK** when finished.

h. If needed, select **Yes** from the Settings dialog box stating “Save changes to the clock settings?”

i. Users will then be returned to the Home screen for the Hand Held.

OVERVIEW OF HOME SCREEN

Below is a screen shot of your Home screen for the Hand Held. This will be the same for the MC70 as for the MC9000 and PPT8800. Let's take a moment to review the details and functionality.



Starts the eOrder application.

Users should refer to the eOrder User Manual for details on the application.

Allows hand held users to add, subtract, multiply and divide calculations.

Starts the Mobile Retail Manager (MRM) application.

Starts the SweepTrax application.

Allows hand held users to connect to remote systems for terminal emulation. This is primarily used for DSD Receiving.

Routes users to the SUPERVALU Retail Handheld Local Menu.

This is currently being using for the EA Tag Subscription application at Shoppers and Sentry.

Users should refer to the Symbol EA Hand Held Quick Cards for the EA Tag Subscription detail.

Pop-up Keyboard (SIP keyboard)

About displays the AppCenter software version. Central Support may ask you to check the version when trouble-shooting incidents.

This is your IP address for the Hand Held.

An IP of 0.0.0.0 indicates that you are not connected to the wireless network.

Displays the time.

Displays the status of the signal strength, address and connection speed.

A "X" (instead of bars) indicates that you are not connected to the wireless network.

This section will be covered in further in the manual.

Controls the volume of the speaker and scanner. This section was covered under the topic Getting Started.

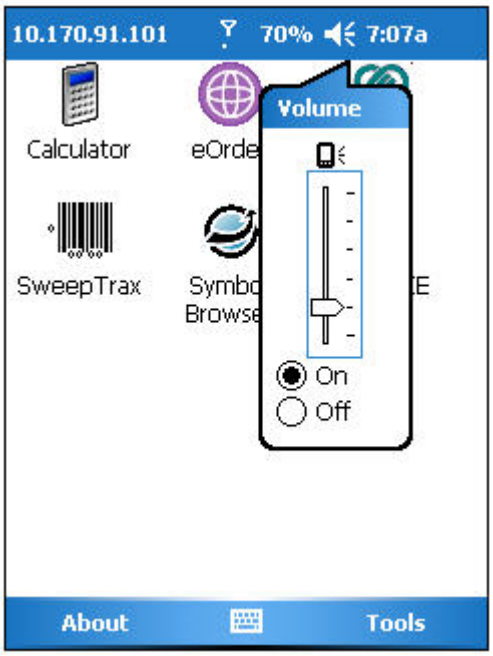
Displays the battery level.

APPENDIX – OVERVIEW OF HAND HELD

Overview of MC70 Hand Held

Adjust Volume

Click on the speaker icon, and adjust the volume bar.



APPENDIX – BATTERY 101 (IMPORTANT INFO)

Charging the Main Battery and Memory Backup Battery

MC70 Hand Held

Before using the hand held for the first time, charge the main battery until the amber charge indicator light remains lit (refer to **Overview of MC70 Hand Held** section for location.) Charge time is less than four hours.

LED	Indication
Off	Mobile computer not in cradle/CAM/MSR; mobile computer not placed correctly; charger is not powered.
Fast Blinking Amber	Error in charging; check placement of the mobile computer.
Slow Blinking Amber	Mobile computer is charging.
Solid Amber	Charging complete. Note: When the battery is initially inserted in the mobile computer, the amber LED flashes once if the battery power is low or the battery is not fully inserted.

The hand held is equipped with a memory backup battery, which automatically charges from the fully charged main battery. When the hand held is used for the first time, the backup battery requires approximately 15 hours to fully charge. The backup battery retains data in memory for at least 30 minutes when the mobile computer's main battery is removed.

- When the hand held reaches a very low battery state, the combination of main battery and backup battery retains data in memory for at least 72 hours.
- Do not remove the main battery within the first 15 hours of use.
- If the main battery is removed before the backup battery is fully charged, data may be lost!

Properly Replacing the Battery for MC70 (**VERY IMPORTANT!**)

Symbol highly suggests that the next steps be followed to avoid mysterious cold boots of the MC70 hand held.

1. Prior to removing the battery, press the red Power button to turn off the screen. This sets the mobile computer to suspend mode.
2. Simultaneously press both primary battery releases. The battery partially ejects from the mobile computer.
3. **Pause 3-4 seconds while the mobile computer performs battery removal shutdown**.
4. Press the secondary battery release, on top of the battery, and slide the battery out of the mobile computer.
5. Slide replacement battery into the mobile computer. Press the red Power button to turn on the screen.

APPENDIX – BATTERY 101 (IMPORTANT INFO), CONT.

About your MC70 Single Slot USB Cradle & Charging Spare Batteries

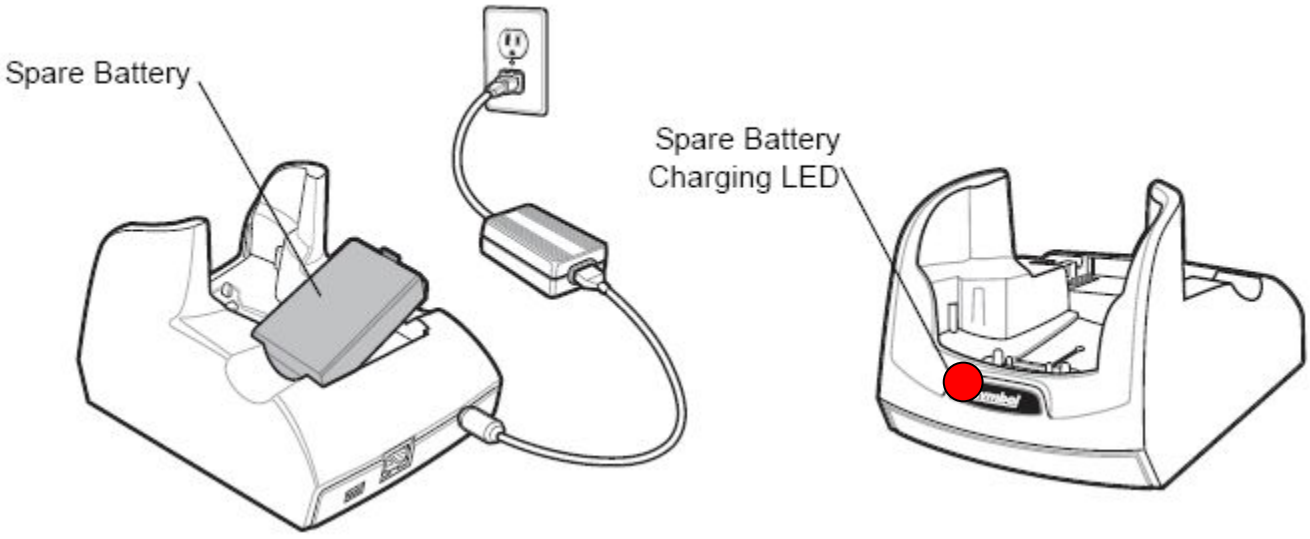
This section describes how to set up and use the **MC70 Single Slot USB Cradle Battery Charger** to charge MC70 spare batteries.

To Charge an MC70 Spare Battery

1. Ensure the accessory used to charge the spare battery is connected to the appropriate power source.

2. Insert the spare battery into the accessory's spare battery charging slot with the charging contacts facing down (over the charging pins) and gently press down on the battery to ensure proper contact.

3. The battery starts to charge automatically. The amber charge LED on the accessory glows to show the charge status. The battery usually fully charges in less than four hours.



● = LED Indicator Location

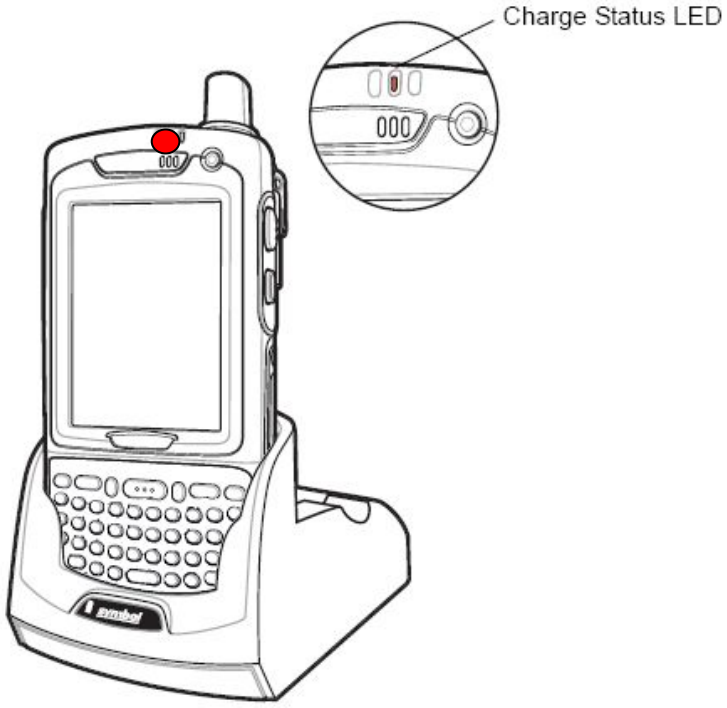
Slow Flash = Normal Charge
Solid Amber = Full Charge
Fast Flash = Charging Error

APPENDIX – BATTERY 101 (IMPORTANT INFO), CONT.

About your MC70 Single Slot USB Cradle & Charging an MC70

This section describes how to set up and use the **Single Slot Serial Charger/USB Cable** to charge your MC70 battery and hand held.

To Charge an MC70



1. Ensure the cradle used to charge MC70 is connected to the appropriate power source.

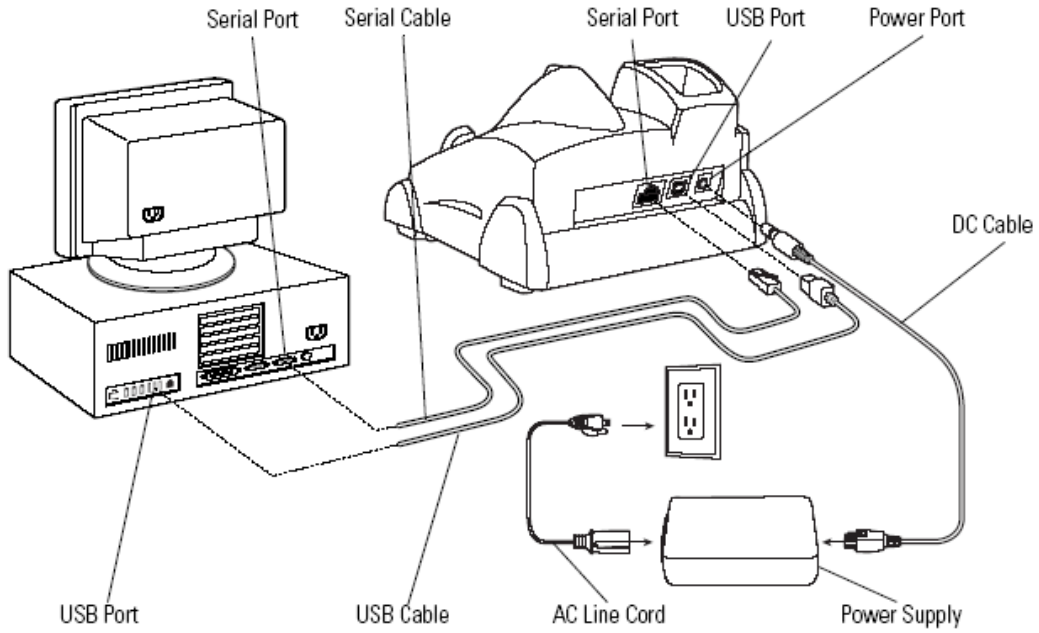
2. Insert the MC70 into the cradle charging slot with the charging contacts facing down (over the charging pins) and gently press down on the MC70 to ensure proper contact.

3. The battery starts to charge automatically. The amber charge LED on the MC70 will turn on to indicate "charging" status. The battery usually fully charges in less than four hours.

● = LED Indicator Location

Slow Flash = Normal Charge
Solid Amber = Full Charge
Fast Flash = Charging Error

Setup



Appendix – Rebooting The MC70 Hand Held

Every so often it may be necessary to reboot your MC70 hand held.

There are two reset functions, warm boot and cold boot.

- A warm boot restarts the handheld and closes all running programs.
- A cold boot also restart the hand held and closes all running programs but also resets the Real-Time-Clock.

Data saved in memory is not lost. Perform a warm boot first. This restarts the hand held and saves all stored records and entries. If the hand held still does not respond, perform a cold boot.

Performing a Warm Boot on the MC70

Hold down the Power button for approximately five seconds. As soon as the hand held starts to perform a warm boot release the Power button.

Performing a Cold Boot on the MC70

A cold boot restarts the hand held. The operating system and all applications are restarted. File storage is preserved. Only perform a cold boot if a warm boot does not solve the problem.

Never perform a cold boot unless a warm boot does not solve the problem.

1. Press and hold the “1” key and the “9” key simultaneously and then press the red power button until the MC70 begins the cold boot.
2. As the hand held initializes its system, the Windows Mobile splash window appears for about 30 seconds.
3. Calibrate the screen and set the time zone.

APPENDIX – MC70 KEYPAD

About your QWERTY Keypad

The QWERTY keypad produces the 26-character alphabet (A-Z, both lowercase and uppercase), numbers (0-9), and assorted characters. The keypad is color-coded to indicate which modifier key to press to produce a particular character or action. The keypad default is alphabetic, producing lowercase letters.

APPENDIX – MC70 KEYPAD – CONT.

Key	Action
Blue Key (left)	Launches applications (shown on the keypad in blue). • Press the Blue key once to activate this mode temporarily, followed by another key. This displays the following icon at the bottom of the screen, until a second key is pressed: • Press the Blue key twice to lock this mode. This displays the following icon at the bottom of the screen: • Press the Blue key a third time to unlock. • Press and hold the Blue key while selecting a sequence of keys to activate this mode temporarily. This displays the following icon at the bottom of the screen as long as the key is pressed:

Key	Action
Orange Key (right)	Accesses the secondary layer of characters and actions (shown on the keypad in orange). • Press the Orange key once to activate this mode temporarily, followed by another key. This displays the following icon at the bottom of the screen, until a second key is pressed: • Press the Orange key twice to lock this mode. This displays the following icon at the bottom of the screen: • Press the Orange key a third time to unlock. • Press and hold the Orange key while selecting a sequence of keys to activate this mode temporarily. This displays the following icon at the bottom of the screen as long as the key is pressed:

APPENDIX – MC70 KEYPAD, CONT.

Scroll Up and Left	Moves up one item. Moves left one item when pressed with the Orange key.
Scroll Down and Right	Moves down one item. Moves right one item when pressed with the Orange key.
Menu	Accesses the command or menu above it on the screen.
Shift	Changes the state of the alpha characters from lowercase to uppercase. • Press the Shift key once to activate this mode temporarily, followed by another key. This displays the following icon at the bottom of the screen, until a second key is pressed: • Press the Shift key twice to lock this mode. This displays the following icon at the bottom of the screen: • Press the Shift key a third time to unlock. • Press and hold the Shift key while selecting a sequence of keys to apply a temporary shift. This displays the following icon at the bottom of the screen as long as the key is pressed:

SUPPORT

Need Support?

If you experience any issues regarding your hand held, please call Central Support at 1-800-426-8845. Choose option 1 Retail store, choose option 2 SVHarbor, choose 4 for all other requests.

Need Accessories?

Retailers should contact their regional Retail Technology department.